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The Students of Worcester Polytechnic Institute

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TECH NEWS



VOL. 21

WORCESTER, MASS., FEB. 18, 1930

No. 15

BROWN NATATORS SCORE 45-31 WIN

Sittler Sets New N. E. I. S. A. Record in Medley Race

The swimming team suffered its second defeat of the season at the hands of a strong team at Brown University, by a score of 45-31. In this meet, as in the two previous ones, the final result came to depend on the last event, the 200-yard relay. In the meet with R. P. I., Tech was victorious in this event, but in both the Amherst and Brown meets, was defeated. Both of the latter meets provided plenty of excitement, especially the Amherst meet in which the Hill team lost by the narrowest of margins after having led throughout the event.

The Brown meet did not start very auspiciously for Tech as Driscoll, who usually gains ground in the medley relay, lost some distance because of a peculiar start and some bad turns. Throughout the meet our team was bothered by the turns at one end of the pool. The pool was so constructed that both corners at one end of the pool were flattened, leaving only space for two swimmers to swim abreast down the center of the pool without striking these ends and so shortening the distance. This made the meet much longer since separate heats had to be run off for most of the events.

Although defeated, the team has much to its credit, since it was expected that we would be beaten by a large margin. And not only were we very near winning but also we were somewhat crippled by the ineligibility of some of the team. If the team can make such a showing against Brown, its strongest opponent, it would seem that the rest of the schedule should be quite successful.

LAMBDA CHI ALPHA LEADS IN SQUASH TOURNAMENT

Theta Upsilon Omega in Second Place

The interfraternity sports schedule for the year is more than half over and two fraternities are definitely in the lead. The squash schedule is such that four games of the series can be played in one night so that the entire schedule lasts but a week.

Up to Friday Lambda Chi Alpha and Theta Upsilon Omega were tied for first place in the scoring as each had won all its games. Friday these two met and the former was victorious. With a record of five victories and no defeats it is probable that L. C. A. will win first place. T. U. O. with a record of four wins and one loss is now in second place and it seems that it should stay there since all the others have lost at least two games and also because it has beaten players who in turn have been victorious over both opponents it has left to play.

If the schedule ends as it now seems likely to with L. C. A. first and T. U. O. second, it will have an effect on the standing for the year by placing L. C. A. further in the lead and perhaps putting T. U. O. up to third place.

CAST FOR THE 1930 TECH SHOW IS CHOSEN

Play Is To Be Produced May 8-10

The final tryouts for the cast of "The Mystery Man" were held last Tuesday. There had been a previous elimination trial, and from the men who survived this, the coach selected the ones who are to take the parts in the play. There are only two feminine roles and there was plenty of good material from which to select. It was decided to let Emerson Holter, a freshman, take the part of "Alice Prince," and Onnie Petroman, a sophomore, the part of "Evelyn Wells."

The twelve male characters were chosen as follows: "Robert Wheeler," Leonard Dunn, '31; "Jerome Tuttle," Daniel O'Grady, '30; "Detective Clancy," William Pearson, '31; "Philip Jones," Sumner Hall, '31; "Inspector Harrison," Carey Wilson, '32; "Doctor Osborne," Fred Whitford, '32; "Mr. Prince," William Drake, '33; "Anson," Harold Cutler, '31; "Dixon," Duffy Bull, '31; Alfred Parker, '32; "Yoga," Chuck Lee, '32; "Toga," Stanley Chin, '31.

Jack Heald is to be the coach again this year, so the Tech Show can not help but be a success. It is to be presented in Horticultural Hall on the nights of May 8-10.

TECH TEAM VICTORS IN TRIANGULAR MEET

Relay Team Wins at B. A. A. Meet

The Tech relay team continued to show fine form and kept on with the record it has been making recently when it won at the B. A. A. meet in Boston last Saturday over Mass. Aggies and Rhode Island State in a triangular race.

C. E. Woodward, the lead-off man, gained several yards before passing the baton to Tech's second runner, "Linc" Hathaway, who ran into difficulties with Whitten of Massachusetts when the latter, running on the wrong side of Hathaway, passed the stick across in front of him, this causing lost ground for Tech. However "Otie" Mace immediately gained the lost ground and finished his quarter 10 yards ahead of his opponent. Ralph Duchacek, anchor, took that lead and made certain that it was not lost before he crossed the finish line. The quartet's time was 3:40:01-5.

PUBLIC ADDRESS SYSTEM NOT ADAPTED TO MUSIC

Prof. Newell Gives Views

In last week's issue of the TECH NEWS there appeared an editorial in which the use of radio dance music was suggested as a substitute for the orchestra at the basketball dances. The loud speakers in the Gym were to be used to amplify the dance music which would come in over a radio to be provided for this purpose. It was recognized that there might be conditions prevalent which would make this impossible. Professor Newell has kindly taken note of this editorial and presents his views in the following letter:

(Continued on Page 2, Col. 5)

C. M. NEWCOMB IS TO LECTURE

The Psychology of Laughter Is The Subject

"The Psychology of Laughter" is the subject of an address which will be given by Charles M. Newcomb, of Delaware, Ohio, at the student assembly at the Worcester Polytechnic Institute, Friday, February 21, at 11 o'clock. Mr. Newcomb, who calls himself a "student of human behavior," was formerly a professor of Psychology at the Ohio State University, but resigned his position to become executive secretary of the Industrial Association of Cleveland, Ohio. He has lectured extensively through the United States and Canada for the past twenty years, his lectures dealing with familiar aspects of every day life presented from the viewpoint of a trained psychologist with a humorous bent of mind. Among the questions he will discuss in his lecture at the Institute are "What is it that makes a thing funny, and why do we laugh at it?" "What causes nervous breakdowns, and how may laughter be used to prevent them?" "Why were Abraham Lincoln and Lloyd George able to withstand the strain which broke Woodrow Wilson?" and "What is the purpose and meaning of laughter in our lives?" The lecture, which will be given in the Alumni Gymnasium, is open to the public.

CALENDAR

TUESDAY, FEB. 19—
9:50 A. M.—Chapel Service.
8:00 P. M.—Glee Club Concert at Webster

WEDNESDAY, FEB. 20—
9:50 A. M.—Chapel Services.
at Sanford Riley Hall.
8:00 P. M.—Glee Club Concert
Bowling, P. G. D. vs. L. C. A.

THURSDAY, FEB. 21—
9:50 A. M.—Chapel Services.
2:00 P. M.—Second Hands Off Period begins.

FRIDAY, FEB. 22—
9:50 Chapel Services.
11:00—Assembly.
Charles Newcomb, speaker.
7:15 P. M.—Basketball: W. P. I. Seconds vs. Williamantic "Y."

8:15 P. M.—W. P. I. vs. Pratt Institute.

SATURDAY, FEB. 23—
8:00 P. M.—Swimming Meet at Bowdoin.

7:15 P. M.—Basketball: W. P. I. Seconds vs. Beckers Business College.

8:15 P. M.—W. P. I. vs. Norwich University.

MONDAY, FEB. 24—
9:50 A. M.—Chapel Services.
11:50 A. M.—1930 Class Elections.
4:00 P. M.—News Assignments, B-19.
4:15 P. M.—Interfraternity Bowling, T. U. O. vs. T. X.

NEW DEBATING CLUB HOLDS FIRST MEETING

Day of Meetings is Changed

The first meeting of the Debating Club held since the new term began, took place Wednesday, February 12.

The business which was planned for this meeting, namely, the adoption of a constitution, was postponed since the constitutional committee was not quite ready, due to mid-year examinations and the unfortunate illness of one of its members.

It was also decided to change the date for meeting since the new-term programs made it inconvenient for many of the members to attend the meeting. Friday was selected to replace Wednesday as satisfactory to the majority of the members. Also since fraternity rushing will keep many of the Freshmen busy most of next week, the date for the next meeting was advanced to Friday, February 28. This meeting will be held at 4:00 P. M. in Room 25, Boynton Hall. As this meeting will be the most important held thus far, all members and those who are interested in the Club are urged to attend.

FRESHMEN GIVEN BANQUET IN SANFORD RILEY HALL

President Earle and M. B. Kaven Speak

The dormitory management and the Dormitory Committee staged a full course banquet a week ago last night. The cost of the banquet was taken care of by a surplus accumulated in the dining hall. All the occupants of Sanford Riley Hall and Freshmen who dine there, sat down at six-thirty to partake of such delicacies as steak with mushrooms and ice cream on pie.

John Church, president of the Dorm Committee, presided and introduced the speakers. Captain Earle gave a very interesting talk on the life of Sanford Riley. M. B. Kaven, one of our alumni trustees, contrasted in a very effective manner the general conditions at Tech nearly forty years ago when he was a student, with today. The banquet was finished by singing the Alma Mater.

DORMITORY DANCE TO BE HELD THURSDAY EVENING

Fraternity Men Cannot Attend

The present occupants of Sanford Riley Hall are to hold a dormitory dance this Thursday evening in the common room of the dormitory. It has been a custom to hold this dance once a year ever since the dorm was built. In the past the dance has been an open affair but this year because of fraternity rushing a ruling was passed excluding fraternity men. This ruling will have little effect upon the attendance as most of the men in the dormitory are attending.

The Music Weavers, an orchestra that has become well known on the Hill, has been engaged to furnish the music. The price of admission has been fixed at two dollars with refreshments included. Tickets are on sale by the members of the committee.

WESLEYAN FIVE WINS FROM TECH

Victors Show Great Ability at Sinking Difficult Shots

HOWARD AND NYE PLAY WELL FOR WESLEYAN, WHILE ASP STARS FOR W. P. I. QUINTET

Last Saturday, the Tech basketball team met a 40-18 defeat at the hands of a squad of Wesleyan giants, before a capacity crowd in Alumni Gym.

A few seconds after the whistle started the game, Graham thrilled the fans by making the first basket of the game on receiving a long pass and dribbling in to the basket. After that the boys from Middletown, Conn., stepped out for themselves and began sinking the leather from all positions on the floor. It was not until toward the end of the first half that the Engineers again broke the scoring column when Downing dropped a beautiful shot from mid floor.

(Continued on Page 2, Col. 1)

TECH SECONDS LOSE TO SOUTH HIGH SCHOOL

Two Games to be Played This Week

In the preliminary game Saturday night the second team suffered a 32-20 setback from the South High quintet. The High School had a fine passing team which made good use of its opportunities for scoring.

The visitors had a good pair of forwards in Brown and Cummings who were next to Davis in the scoring column. Bryon and Larson played well for the seconds. Summary:

SOUTH HIGH—32

	fg	ft	tp
Cummings lf	4	0	8
Brown rf	4	1	9
Davis c	6	1	13
O'Connell lg	0	1	1
Moffat rg	0	1	1
	14	4	32

(Continued on Page 2, Col. 4)

GLEE CLUB ENTERED IN INTERCOLLEGIATES

Contest to be Held at Springfield

The musical organizations of the college were well received at the concert given in the Holden Auditorium in Holden, Mass., on last Friday evening. Tonight the same group, consisting of the Glee Club, the Banjo Mandolin Club and the Boyntonians, will journey to Webster where they will give another concert. Tomorrow evening the Musical Association will furnish the entertainment at the dinner meeting of the Worcester Alumni Association to be held at Sanford Riley Hall.

The Glee Club has again been entered in the Intercollegiate Glee Club contest. The contest this year is to be held at Springfield, Mass., on February 28th.

Following is a summary of the two previous contests in which the College Glee Club competed.

RESULTS 1928 CONTEST

Amherst	272
(Continued on Page 2, Col. 3)	

TECH NEWS

Published every Tuesday of the College Year by
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NEWS PHONES | Business Park 4963
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TERMS:

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THE HEFFERNAN PRESS
Spencer, Mass.

February 18, 1930

TO THE FRESHMEN

During the past week many of you have been entertained by the various fraternities represented on the Hill. This will be ended at two p. m. on Thursday and within the next twenty-four hours both you and the fraternities will make choices which will have a great influence on your lives, not only in your career at the Institute but in your lives after you enter the business world.

In the past three years the preferential bidding system, adopted by the Inter-worked out to the best advantage of all concerned and it is confidently expected that it will continue to do so, but its success depends upon the points listed below.

1. All Freshmen (those who are entering the Institute for the first time) should be present at the E. E. Lecture room at 12:00 o'clock noon, Friday, February 21.

2. Have your mind made up before you go there as to the order of your preference among the fraternities from whom you would accept a bid. Know your own mind; do not be swayed by the opinions of a mob as developed in a "bull fest."

3. Do not write down any fraternity from whom you would not care to accept a bid, for there is a chance that you may be pledged to any of the houses which you name.

The Faculty members of the council, Professor A. S. Richey and Professor C. A. Pierce, will compose the signed cards in order of preference, checking with the bids sent in by the seven fraternities, and will pledge each Freshman to the highest fraternity on his list which has bid him.

The success of preferential bidding depends on point two above. You are urged to make your sequence of choices on the basis of deliberate thought rather than on the basis of some fool notion on the spur of the moment.

WESLEYAN DEFEATS TECH

(Continued from Page 1, Col. 5)

Bill Asp, handicapped by a broken cartilage in his nose, managed to do his usual good work in keeping the opponents from following up their long shots. In the second half he threw discretion to the winds and dribbled through the Wesleyan guards for three field goals. However, one of these brilliant advances was met by opponents on either side and he received an accidental blow to his injured nose which started a stream of blood and forced him to leave the game.

The Engineers came back to the second half with determination and began to make their shots count, but the tall Wesleyan sharpshooters continued their deadly work. Bill Graham was constantly guarded by two or three men and was forced to pass out again or dribble away from this blockade. Their height advantage permitted the visitors to pass high while the Tech men had to pass between their opponents.

Howard and Nye were aggravating the Tech hoopsters by remaining beyond their defense and shooting with an aim that seldom missed its mark. This made the team so anxious for possession of the ball that they infringed upon the rules and Purrington had to leave the game on four fouls. Charlie Walker accidentally upset a Wesleyan man with such force that one was reminded of Sonnenberg's tactics.

The team fought to the end in vain hope of overcoming the visitors' advantages of height and superior shooting skill.

The summary:

WESLEYAN—41

	fg	ft	tp
Howard lf	6	2	14
Craw lf	1	0	2
Owen rf	3	1	7
Johnstone rf	2	2	6
Nye c	2	1	5
Millsbaugh lg	1	1	3
Wiggers lg	1	0	2
Wells rg	1	0	2

WORCESTER TECH—18

	fg	ft	tp
Asp rg	3	0	6
Cartrell lg	1	0	2
Walker lg	0	2	2
Graham c	1	2	4
Purrington rf	0	0	0
Cullen rf	1	0	2
Downing lf	1	0	2

Substitutions, Streibenger for Nye, O'Dell for Wells, P. Smith for Downing, J. Smith for P. Smith, Kontio for Asp. Referee, J. P. Haughey, Pawtucket. Timer, Charles Wright. Time, two 20-minute periods.

Next week the squad will entertain fives from Pratt and Norwich on Friday and Saturday respectively. Although Tech has usually defeated Pratt in the past few years, their strength is unknown, and they may spring a surprise. The Norwich five has also suffered reverses this season but it upset the dope by defeating the Middlebury College quintet which was expected to win the championship of the Green Mountain Conference.

MUSICAL CLUBS

(Continued from Page 1, Col. 5)

Wesleyan	255.2
Bowdoin	234.6
Middlebury	230
W. P. I.	224
Boston College	220.8
M. I. T.	220.2
Clark	216.8
U. of N. H.	197.6
Boston University	200.2
Northeastern	185.4
Vermont	180.8
R. I. State	177.8

RESULTS 1929 CONTEST

Wesleyan	226.2
Middlebury	212.2
Williams	210.8
M. I. T.	210.4
Amherst	208.0
W. P. I.	204.4
Boston University	201.6
University of Vermont	193.8
Clark University	190.0
Bowdoin	186.0
Northeastern	182.6

In the college song group, W. P. I. tied for last place.

Contest held March 1, 1929, Symphony Hall, Boston, Mass.

E. E. NOTES

Professor H. B. Smith was in New York, during the week of January 26, for the annual meeting of the A. I. E. E. Mr. P. L. Otis, ex-'26, visited the Institute some weeks ago, and is returning to Tech this semester. He has been employed, during the past four years, erecting bridges for the Boston and Maine railroad.

SOUTH WINS OVER 2NDS

(Continued from Page 1, Col. 5)

TECH SECONDS—20

	fg	ft	tp
Leach rg	1	0	2
Larson lg	2	2	6
Driscoll c	1	0	2
Hager c	1	0	2
Bayon rf	3	0	6
Hammer lf	1	0	2
	20	2	9

Referee, J. P. Haukey, Pawtucket. Timer, Charles Wright. Time, four 8-minute periods.

Next week the Seconds will play two games. On Friday they will meet the Y. M. C. A. team from Willimantic, Conn., and Saturday they will engage the Beckers Business College quintet.

RADIO DANCE MUSIC

(Continued from Page 1, Col. 2)

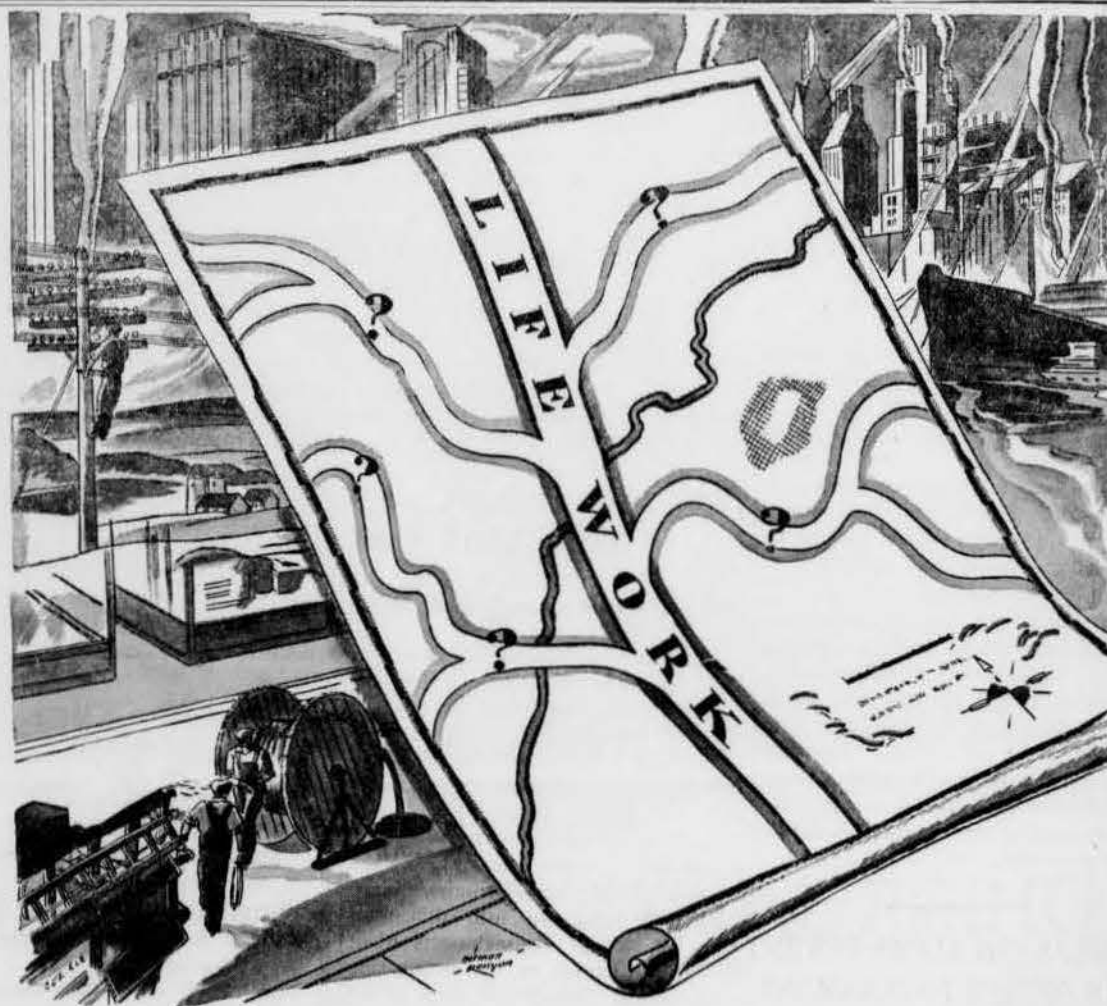
The Tech News, Worcester Polytechnic Institute, Worcester, Massachusetts

Gentlemen: It was recently suggested in the NEWS that music for dancing after basketball games be furnished by the use of the "Public Address" system installed in the gymnasium. I wish to offer some suggestions before anything of this kind is undertaken.

The horns installed there were not designed to properly reproduce music as now broadcast or recorded. Tests show definitely that they do not do this, and that new horns would have to be procured to obtain pleasing results.

Experience has shown that radio music can not be depended upon for service of this kind. Contact with persons in charge of dinner dance and other similar music brings out the fact that patrons are not satisfied with reproduced music where it is at all possible to have musicians present in person.

Very truly yours,
HOBART H. NEWELL,
Asst. Prof. of Electrical Engineering.



Map your road through industry NOW!

GUESSING the road is bad business when you are starting on your life work.

There are plenty of signs in your physical and mental make-up that will help you to find the right sort of work if you'll only take time to study them. Your likes and

dislikes, your natural aptitudes, all point the way for you to go—getting into creative, statistical, engineering or sales-promotional work... Read these signs before you start out from college! Today, more than ever before, industry requires men who have found themselves.



Western Electric

SINCE 1882 MANUFACTURERS FOR THE BELL SYSTEM



PHI SIGMA KAPPA

Founded at
Mass. Agricultural College
March 15, 1873
Active Chapters—50

Epsilon Deuteron Chapter
Founded
June 3, 1915
Total Membership 9,193

In 1902, eight men of the Institute banded themselves together into the local Fraternity of Theta Chi. Their ideals were high and their purpose serious. The name remained unchanged until 1909 when the national fraternity of Theta Chi came to the Institute. To avoid confusion, the name was changed to Kappa Xi Alpha. In 1912, the fraternity was incorporated as the Kappa Xi Fraternity and our alumni exist today as such. All Epsilon Deuteron men automatically become members of the corporation upon their initiation into Phi Sigma Kappa. Finally it was decided to petition Phi Sigma Kappa for a charter, and on June 8, 1915, seventy-four members of the active chapter and alumni were inducted into Phi Sigma Kappa.

ACTIVE MEMBERS

1930

Allen Hastings, Herbert W. Davis, F. Dudley Chaffee, Myrton P. Finney, Walter H. French, Frederick C. Holmes, Edward C. Milde, Roy W. Puddington, Paul E. Reynolds, Wilson H. Rice, Francis P. Smith, F. Gardner Davis, Albert S. Corbin.

1931

Wesley A. Sheldon, Everett D. Collins, John W. Davidson, Ralph A. Duchacek, Oliver R. Underhill, Charles B. Walker, Carroll N. Whitaker, Irving S. White, Charles B. Eddy, Michael C. Sodano, Ralph Hodgkinson (pledge).

1932

Edward K. Allen, Clement R. Barlow, Leonard C. Daniels, William L. Edgeworth, Louis D. Greene, Leonard H. Peters, Arthur C. Peterson, Russell D. Purrington, Robert F. Bye, Irwin W. Peterson (pledge), C. Milton Ekberg (pledge), Robert W. McMaster (pledge).



THETA UPSILON OMEGA

Founded by
Amalgamation of Tau Chapters
May 2, 1924

Active Chapters—14
Beta Alpha Chapter
Founded May 2, 1924
Total Membership, June 1, 1929—1,567

Theta Upsilon Omega is the youngest national fraternity at Tech, as it did not become national until 1924 when ten local fraternities at different colleges in various parts of the country amalgamated to form the present Theta Upsilon Omega fraternity. Since then there have been five additional chapters in different parts of the country joined to the national organization.

The Tech chapter, Beta Alpha, was founded as Delta Tau, February 17, 1906, by nine men, headed by W. T. Roberts, '08. Since then the fraternity has had three homes, until 1911 at 66 Park Avenue, at 143 Highland Street until 1919, when the present quarters at 30 Institute Road were purchased.

ACTIVE MEMBERS

1930

E. W. Carlson, C. H. Cole, H. C. Hart, W. I. Johnson, H. A. Sorenson, W. E. Tate, V. E. Wade, M. Y. Warner, J. H. Wells.

1931

A. R. Barnes, C. A. Bergquist, C. G. Durbin, C. R. Gill, M. D. Gleason, R. H. Guenther, R. E. Hall, R. S. Libby, O. B. Merrill, C. E. Rylander, T. L. Sander-son, C. H. Schiller, C. T. Smith, G. W. Smith, R. D. Taylor, H. H. Terry, P. K. Turner, A. G. Toussaint, J. B. Tuthill.

1932

H. W. Bancroft, R. I. Belmont, H. E. Carlson, E. D. Jones, O. L. Seelert.

PLEDGES

A. E. Bailey, '32, H. F. Borg, '32, M. J. Dana, '32.

REVISED TECH
NEWS CONSTITUTION

The regular meeting of the TECH NEWS Association was devoted to a report of the Committee on Revision of the Constitution of the TECH NEWS Association given by W. J. Newbold, the Managing Editor. The committee, in addition to Mr. Newbold, consists of W. H. Mill, W. T. Hawley, and W. F. Bausman.

The revised constitution as submitted was as follows:

ARTICLE 1. Name and Purpose.

Sec. 1. This organization shall be known as the TECH NEWS Association of the Worcester Polytechnic Institute.

Sec. 2. It shall be the duty of the TECH NEWS Association to publish the college weekly known as the TECH NEWS.

ARTICLE 2. Membership.

The TECH NEWS Association shall consist of any number of men as provided below.

Sec. 1. Six members of the Senior Class, viz., Editor-in-Chief, Managing Editor, Business Manager, News Editor, Associate Editor, and Secretary, who shall constitute the TECH NEWS Board.

Sec. 2. Eight members of the Junior class, viz., two Assistant Business Managers, and six Editorial Assistants known as Junior Editors, who shall act in such capacity as the board may direct and who, in conjunction with the TECH NEWS Board, shall constitute the TECH NEWS Staff.

Sec. 3. Any number of reporters or business assistants who have fulfilled the requirements for membership as defined in Article 4.

ARTICLE 3. Voting.

Sec. 1. The six senior positions as defined in Article 2, Section 1, shall each carry three votes; the eight junior members described in Article 2, Section 2, shall each have two votes and the reporters and business assistants as described in Article 2, Section 3 shall each have one vote.

Sec. 2. Senior officers, at the expiration of their term of office, and junior officers failing of election or appointment to the TECH NEWS Board, shall retain one vote each during their undergraduate connection with the Institute.

Sec. 3. Reporters and business assistants failing of election to a higher office shall lose their vote in the Association.

ARTICLE 4. Election to Membership.

Sec. 1. A freshman or sophomore is eligible for election to the Association as a reporter at the discretion of the Editorial Staff when he has had published 60 inches of 8 point, 13 em measure, solid copy or its equivalent thereof. In applying for membership the applicant must present his printed contributions to the Secretary accompanied by a formal application for membership. This application must be submitted at least one week before a regular meeting of the Association.

Sec. 2. A Freshman or Sophomore is eligible for election to the Association as business assistant when he has helped the Business Manager, or the Assistant Business Managers by folding, wrapping, addressing, soliciting advertisements or in any other manner for twenty-five (25) hours, upon the recommendation of one of the Assistant Business Managers and the approval of the Business Manager.

Sec. 3. At the annual election the six sophomore reporters receiving the highest number of votes shall be elected to the six junior editorial positions and it shall be the duty of the Senior Editorial Board to recommend four of the sophomore reporters.

Sec. 4. At the annual election two of the sophomore business assistants shall be elected by a majority vote of the Association to the positions of Assistant Business Managers.

(Continued on Next Page)



SIGMA ALPHA EPSILON

Founded at
University of Alabama
March 9, 1856
Active Chapters—103

Mass. Delta Chapter
Founded
April 10, 1894
Total Membership 32,226

The Massachusetts Delta Chapter of the Sigma Alpha Epsilon Fraternity had its origin in what was known as the Tech Cooperative Society which was founded in the fall of 1892. The society form of organization was adopted, as there was faculty opposition to fraternities at that time, but in the spring of '93 application for membership was made to the national S. A. E. Fraternity and as a result the new chapter was installed on March 10, 1894.

Early in the morning of Oct. 12, the house was somewhat damaged by a fire which started in the basement. However, repairing and remodeling was started the following Monday and the house was occupied again early in December. The house had to be redecorated throughout and much of the furniture had to be replaced.

ACTIVE MEMBERS

1930

W. Hansen, R. E. Hollick, T. F. Flynn, G. E. Perreault, M. L. Price, W. H. Simpson, J. T. Tawter, W. C. Whittum, P. F. Marsow.

1931

R. E. Barrett, R. T. Barnicle, E. J. Bayon, N. A. Butterfield, A. M. Demont, C. R. Fay, A. W. Gove, A. C. Lendo, R. G. Marden, L. F. Pulz, J. L. Richmond, C. F. Sage, A. E. Thrower, H. N. Tyler, R. S. Williamson, O. N. Walker.

1932

W. F. Bausman, M. R. Bloom, R. N. Cambridge, C. H. Covell, C. S. O'Brien, Jr., G. E. Oman, R. D. Porter, G. E. Signor.

PLEDGES

1931

R. V. Corsini.

1932

R. G. Driscoll, B. R. Lanciault, J. C. Osipowich, W. Moody, Jr.



THETA CHI HOUSE

Founded at
Norwich University
April 10, 1856
Active Chapters—46

Epsilon Chapter
Founded
March 20, 1909
Total Membership—9,148

On October 12, 1905, nine undergraduate members of the Worcester Polytechnic Institute formed a society which they called Pi Omega Pi. This fraternity began as an athletic society and one of the restrictions for membership was that a candidate must have received a varsity letter in one of the recognized sports at Tech. As this restriction was later found too severe the aims were broadened to include "primarily to foster clean athletics at Worcester Polytechnic Institute."

Pi Omega Pi petitioned Theta Chi fraternity in 1909 and was accepted, the installation taking place on March 20, 1909. The first home of Epsilon chapter was at 1 Lancaster Terrace. Here the chapter lived and held meetings until 1917 when the large duplex house at the corner of Dean and Salisbury Streets was obtained, which is the present residence of the chapter.

ACTIVE MEMBERS

1930

Paul O. Anderson, Robert S. Bennett, Richard A. Holley, Philip MacArdle, William J. Newbold, Clifford E. Richey, Ellman R. Smith.

1931

H. N. Deane, W. T. Hawley, R. D. Holcombe, I. S. Newcomb, W. J. Pearson, E. H. Rice, O. W. Tissari.

1932

G. T. Barks, R. Barr, A. E. Greco, J. E. Leach, H. A. Offers, E. L. Pollard, H. B. Pratt, D. Rice, B. B. Taylor, C. Werme, C. M. White, P. R. Whitney, G. E. George.

PLEDGES

J. T. McGinnis, S. O. Swipp.



ALPHA TAU OMEGA

Founded at
Virginia Military Institute
September 11, 1865
Active Chapters—91

Mass. Gamma Sigma Chapter
Founded
November 27, 1906
Total Membership—25,000

The Worcester Tech Chapter (Mass. Gamma Sigma) of Alpha Tau Omega had its beginnings in the form of a local fraternity known as the "Arm and Hammer." In the fall of 1903, Roger Del French, together with five other men, concluded that there was room for another fraternity at Tech.

A constitution was drawn up, and the name "Arm and Hammer" was adopted, the idea being taken from the Tech seal and the spirit which it indicated. For some months the existence was unknown, but the club had steadily grown, and when finally made known, the group was very compact. The club acquired a house on West Street, when in 1906, it was installed into Alpha Tau Omega. The present chapter house on Institute Road was purchased in 1909, to which an addition and extensive interior changes were added in the fall of 1929.

ACTIVE MEMBERS

1930

Eugene Center, Lincoln Hathaway, Daniel O'Grady, Arthur Peirce, Jr., Donald Simonds, John Tompkins, Jr., Henry A. Pearson.

1931

Edward Coe, Harold Cutler, John Fletcher, William Graham, Frank Green, Edwin Hosmer, Charles Kennedy, Otis Mace, William Mill, Allan Weissinger.

1932

William Aiken, Earle Andrew, William Asp, Lenges Bull, Roger Hager, Stanley Heald, Ernest Holt, Linn Lockwood, Richard May, Swen Pulson, Donald Smith, John Tinker, Frederick Whitford, Cary Wilson.



LAMBDA CHI ALPHA

Founded at
Boston University
November 2, 1909
Active Chapters—76

Pi Zeta Chapter
Founded
June 15, 1913
Total Membership—9,000

Pi Zeta Chapter of Lambda Chi Alpha was started as a local fraternity, Zeta Sigma Tau, on Dec. 5, 1912. The original members were all juniors in the class of 1914 at Worcester Polytechnic Institute. Becoming well acquainted in their class rooms, they hit on the idea of starting a local fraternity.

Zeta Sigma Tau petitioned Lambda Chi Alpha on May 28, 1913, and on June 5, 1913, the local was chartered as Pi Zeta of Lambda Chi Alpha with an active membership of eighteen men.

The chapter was first located on Sever Street, but a few years later, the present house was purchased and it has been occupied by the chapter since that time.

ACTIVE MEMBERS

1930

William D. Davidson, William H. Doyle, Alvar O. Ericson, William W. Locke, George A. Marston, John R. Parker, George E. Pierce, George N. Smith, Charles L. Wright.

1931

Charles K. Aldrich, Roscoe H. Bowers, Warren N. Doubleday, Frederick A. Fauar, Paul H. Pittz, Lester W. Frank, Alan G. Hall, Jay M. Harpell, Frederick R. Keynon, Usko T. Kontio, Kenneth H. Perry, John P. Pierce, Charles E. Woodward.

1932

Fred A. Bickford, William J. Cullen, George G. Erikson, Howard P. Lekberg, Elmo O. Leppenan, Paul E. Nelson, Olaf W. Nyquist, Donald W. Putnam, Melvin G. Adams, Allan B. Belcher, Earl E. Green.

PLEDGES: 1931, Prescott B. Larchar; 1932, Paul Olson

NEWS CONSTITUTION

Sec. 5. At the annual election two of the six Junior Editors shall be elected by a majority vote of the Association to the position of Editor-in-Chief, and Managing Editor, respectively. Of the remaining Junior Editors, two shall be appointed by the newly elected Editor-in-Chief and newly elected Managing Editor to the positions of News Editor and Associate Editor. In case of prolonged disagreements the decision of the ex-Editor-in-Chief shall be asked for and abided by.

Sec. 6. At the annual election either of the Assistant Business Managers shall be eligible for election by a majority vote of the Association to the position of Business Manager.

Sec. 7. By a unanimous vote of the TECH NEWS Board, men showing exceptional ability may be elected to associate editorial positions, such as Art Editors, Photographic Editors, and so forth.

Sec. 8. Either of the two Junior Editors failing of election to the positions of Editor-in-Chief or Managing Editor, or of appointment to the positions of Associate Editor, News Editor, shall be eligible for election to the position of Secretary by a majority vote of the Association.

ARTICLE 5. Duties of Members.

Sec. 1. The Editor-in-Chief shall be responsible for the general welfare and editorial policy of the TECH NEWS. It shall be his duty to act as general supervisor of all matters pertaining to the TECH NEWS, and to be in direct charge of all material in the Editorial columns. He shall attend at least seventy-five percent of the sessions spent in "making-up" the issues of the TECH NEWS.

Sec. 2. The Business Manager shall be responsible for the finances, circulation, and advertising make-up of the TECH NEWS. It shall be his duty to act as supervisor of the Business Managerial Staff. He shall submit a financial report once a month to the Editor-in-Chief and to the Managing Editor. He shall have direct supervision of the work of the Assistant Business Managers, and see that their duties are performed.

Sec. 3. The Managing Editor shall be responsible for the TECH NEWS make-up, proofing, and punctual publication of the TECH NEWS. It shall be his duty to act as supervisor of the Editorial Board. He shall attend every "make-up" session of the NEWS unless the News Editor or Assistant Editor is acting in his stead as provided for in the duties of these officers. It shall be the duty of the Managing Editor to file the records of the authorship of all materials published in the NEWS, said records to be kept for a period of three years after the publishing of the material concerned. He shall keep these on an especially printed record sheet a sample of which is shown. These records will be kept with that issue of the paper to which they refer.

Sec. 4. The News Editor of the TECH NEWS shall be responsible for all news appearing in the TECH NEWS. It shall be his duty to make assignments to the Junior Editorial assistants, the Reporters, and the contributors. He shall be expected to work on two issues out of three issues, but shall be responsible for the conduct of the Associate Editor who acts in his stead on the third issue.

Sec. 5. It shall be the duty of the Associate Editor to alternate with the Managing Editor and the News Editor in the discharge of their duties, and he shall have one week of three free. He shall be responsible to the man in whose place he is acting.

Sec. 6. It shall be the duty of the Secretary to give notice of and keep record of all meetings of the TECH NEWS Association and of the Staff. He shall also assist the Managing Editor on at least one issue a month.

Sec. 7. Any Junior Editor (a) if given an assignment by the News Editor



PHI GAMMA DELTA

Founded at
Washington and Jefferson College
April 22, 1848
Active Chapters—70

Pi Iota Chapter
Founded
November 21, 1891
Total Membership—25,157

Pi Iota Chapter of Phi Gamma Delta, oldest of Tech fraternities, founded its local chapter in the fall of 1891. A year previous to that a student who had transferred to Tech, which was then a small college, together with several of his chums decided to band together in a club. As fraternities were just coming into popularity, a petition was submitted to Phi Gamma Delta, and the society was admitted in November, 1891. After several experiments in location, the active chapter then purchased the property at 99 Salisbury Street from Stephen Salisbury, and built the present house there in 1899. Due to the fact that it was the first fraternity at Tech, the college co-operated with the organization, and the opening of the chapter house was one of the social events on the Hill.

ACTIVE MEMBERS

1930

Edward R. Delano, Norman L. Shaw, Clement A. Didden, Paul S. Otis, J. William Burt, Kenneth V. Fryer.

1931

Edward D. Amsden, Edwin R. Harper, John H. Hinchcliffe, Jr., William A. McAloon, James L. Rathbun, Roger K. Stoughton, A. Francis Townsend, Grayson W. Wilcox.

1932

John C. Barton, Robert Bumstead, Howard R. Finn, William H. Hinchcliffe, James Nelson, John H. Porteus, William Sinclair, Frank E. South, Paul Johnson.

or by the Associate Editor, shall be responsible for the authenticity and punctual covering of the said assignment; (b) if given charge of a column or department by the Editor-in-Chief shall be responsible for everything contained therein; (c) if given an issue of the TECH NEWS shall assume the responsibilities of the Managing Editor; (d) and he shall have as his duties any task assigned him by any of the Senior Editors.

Sec. 8. Any member shall be required to handle any assignment that may be given him by any of the Senior Editors, and shall be responsible for the punctual writing thereof as well as of the authenticity of the article.

Sec. 9. The Assistant Business Managers shall be responsible for the obtaining of all advertising matter appearing in the columns of the TECH NEWS. They shall be required to perform all duties assigned to them by the Business Manager pertaining to the advertising in the TECH NEWS, and shall also direct the work of the business assistants who are competing for the positions. They shall be responsible for the distribution of the TECH NEWS to all subscribers or others who may be entitled to receive the paper, and shall perform all duties assigned to him by the Business Manager pertaining to the circulation of the TECH NEWS. He shall also direct the work of the business assistants who are competing for this position. They shall be responsible to the Business Manager, whose duty it is to supervise and assign their work.

Sec. 10. Any reporter (a) same as section 7, paragraph (a) above; (b) if given charge, with a junior editorial assistant, of an issue of the TECH NEWS shall be under the direction of said junior editorial assistant (c) same as section 6, paragraph (d) above.

Sec. 11. Any business "competitor" shall be responsible for the efficient fulfillment of all duties assigned to him by either the business manager, or one of the assistant business managers.

Sec. 12. Any man holding an associate editorial position such as Art

Editor, Photographic Editor, etc., shall be responsible for the efficient fulfillment of the duties of his position as they may be outlined to him by the TECH NEWS board.

ARTICLE 6. Vacancies.

Sec. 1. (a) In the event of a vacancy in the position of Editor-in-Chief, the Managing Editor shall act as Editor-in-Chief temporarily until one of the Senior Editors is elected by the TECH NEWS Association; (b) in the event of a vacancy in the position of Managing Editor, the Editor-in-Chief shall appoint either the News Editor, or the Associate Editor to fill this position; (c) In the event of a vacancy in the position of News Editor, Associate Editor or Secretary, the TECH NEWS Association shall either choose by a three-fourths vote one of the ex-Junior editors for that position, or, in the event that such a qualification can not be fulfilled, holding of an election of the man to fill the position shall be decided by the Senior staff.

Sec. 2. In the event of a vacancy among the Junior Editorial Assistants, the TECH NEWS Association shall elect a Junior Editorial Assistant from the ex-reporters of the Junior class.

Sec. 3. The Assistant Business Managers shall be eligible for election to the positions of Business Manager, in case the latter position becomes vacant; one of the ex-business assistants of the sophomore class shall be elected to fill the position vacated by the promoted manager.

ARTICLE 7. Recall of Members.

Sec. 1. If at any time any member of the TECH NEWS Association fails to perform the duties of his position as laid down in this Constitution, he may be recalled from membership in the Association by a three-quarter vote of the Association. His vacancy shall be filled as provided for under Article 6.

ARTICLE 8. Amendments.

Sec. 1. An amendment to this Constitution may be made by a three-quarter vote of the Association.

Sec. 2. An amendment to the Constitution must be submitted in writing (Continued on Next Page)

J. HODGES ADDRESSES '33 ON FIRST AID

Speaker Stresses Its Importance

At the first lecture of the term on physical education given to the Freshman class Monday morning, February 10, Mr. Joseph Hodges of the New England branch of the American Telephone and Telegraph Company, spoke on the importance of a knowledge of first-aid in personal management.

Mr. Hodges related how his company took care of its workers, to the advantage of both, through safety education.

The applause accorded Mr. Hodges at the end of his talk indicated the appreciation and interest felt by the Freshman audience.

REVISED TECH NEWS CONSTITUTION

at one regular meeting in advance of the action taken upon it and must be published once in the TECH NEWS during the interim.

ARTICLE 9.

Sec. 1. All committees shall be chosen by the Editor-in-Chief unless otherwise stipulated by a plurality vote of the Association.

Sec. 2. The chairman of any committee shall make complete reports on all activities and finances of the committee to the Association within one month of the completion of the business of that committee.

ARTICLE 10.

Sec. 1. Regular meetings of the TECH NEWS Association shall be held on the first Tuesday of each month and special meetings may be called at the discretion of the Editor-in-Chief or upon the petition of a majority of the members of the association.

Sec. 2. An annual meeting for the election of officers shall be held on the first Tuesday in March.

Sec. 3. A quorum shall consist of a majority of the enrolled members or a representation of two-thirds of the total vote.

Sec. 4. The rule of procedure in all meetings shall be according to Cushing's Manual.

Sec. 5. The Editor-in-Chief shall preside at the meetings of the Association; if he be absent the Managing Editor shall preside; and in the event of the absence of the latter the next member of the editorial staff of the TECH NEWS Board, as set forth in Article 2, Section 1, shall preside.

BY-LAWS OF THE TECH NEWS ASSOCIATION

1. The Editor-in-Chief, Business Manager, and Managing Editor shall be life subscribers to the TECH NEWS free of charge.

2. The words Senior, Junior, and Sophomore shall be interpreted to mean respectively, fourth, third, and second years at the Worcester Polytechnic Institute.

3. All proposed by-laws must be tabled for one month before any action be taken on them.

4. All members of the TECH NEWS Association who are absent from College for one year for any reason, shall retain their membership in the Association when they return if they were members in good standing at the close of their last school year.

5. Charms shall be awarded to all Managers, Senior Editors, and Junior Editorial Assistants, these charms to be made from a standard die held by the

Balfour Company of Attleboro, Mass. One person may receive but one charm but in the event of his promotion to higher office the name of the higher position shall be engraved on the reverse side of the charm.

6. Upon the completion of an additional sixty inches of 8 point, 13 em measure, or its equivalent, solid copy which has been published in the TECH NEWS, and has been found to be of a sufficiently high caliber by the judgment of the Senior Staff, a reporter shall be awarded the TECH NEWS lapel pin in recognition of his efforts.

Upon completion of sixteen hours of satisfactory service after having been admitted into the Association, a competitor for the position of Assistant Business Manager shall be entitled to receive the TECH NEWS lapel pin in recognition of his services.

Such a pin will remain in the possession of the reporter or managerial competitor unless he is later the recipient of a TECH NEWS charm; in which case the lapel pin will be returned to the Association. Such lapel pins shall be made from a standard die held by the L. G. Balfour Co. of Attleboro, Mass.

The members of the Senior Staff shall be re-awarded the lapel pin upon their election to that board.

LOCAL STEEL-TREATERS DISCUSS "NITRIDING"

At the regular meeting of the Worcester Chapter of the American Society for Steel Treating held on Wednesday, February 12, at Rebboli's Restaurant, 10 Barton Place, Professor V. O. Homerberg of the Massachusetts Institute of Technology spoke on "Nitriding and the Nitriding Process."

A special Fellowship Dinner was served at 6:30, and the meeting began at 7:45 P. M.

Nitriding is the new art of surface hardening of steel which in many instances is replacing the old art of case carburizing. Prof. Homerberg gave emphasis to the practical aspects and uses of Nitriding. The talk was illustrated with lantern slides.

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MEMBERS OF AERO CLUB ADDRESSED BY R. HOYLE

John Fletcher Elected President

The Aero Club held a meeting on Tuesday evening, Feb. 11, at which time permanent officers were elected for the remainder of this term. John Fletcher, '31, was elected president and Linn Lockwood, '32, secretary.

Kenneth Hoyle, president of the Curtis Glider Club, and a recent graduate of the Curtis Ground School held at W. P. I., spoke to the Aero Club about the progress of his group towards getting a glider. He stated that material had been purchased and construction in the Washburn Shops will proceed as soon as plans arrive.

Members of the Club have started on a program of reporting on recent developments in the aeronautics field and by this means hope to keep informed about current events. Pagnoni and Misener will report next time on a review of aeronautical progress during 1929. At this same meeting, Prof. Merriam will give a short lecture on the history of aviation.

TUFTS BASKETEERS WIN HARD FOUGHT TUSSLE

Tech Loses by 34-12 Score

Worcester Tech's quintet lost its final away-from-home game last Wednesday night in Medford when it was the victim of the fast Tufts' team. For the past few years the Medford team have been the winners in their contests with Tech. The Crimson and Gray could not break this run, and were defeated by a score of 34-12.

Tech put up a good front during the first part of the game, even with Bill Asp having a nose injury and Bill Graham also handicapped by injuries. The game was very even and both defenses were working well, but the tide soon turned the bad way for Worcester, with Cochran, of Tufts, sinking a free-try for the first tally. Graham was watched very carefully by the Medford boys and was allowed but a single basket during the game.

A 15-8 lead was worked up by Tufts in the first half, and they strengthened their attack on returning in the second half, piling up their points while Tech went nearly scoreless.

NOMINATING COMMITTEE REPORTS TO SENIORS

Elections are to be held Monday

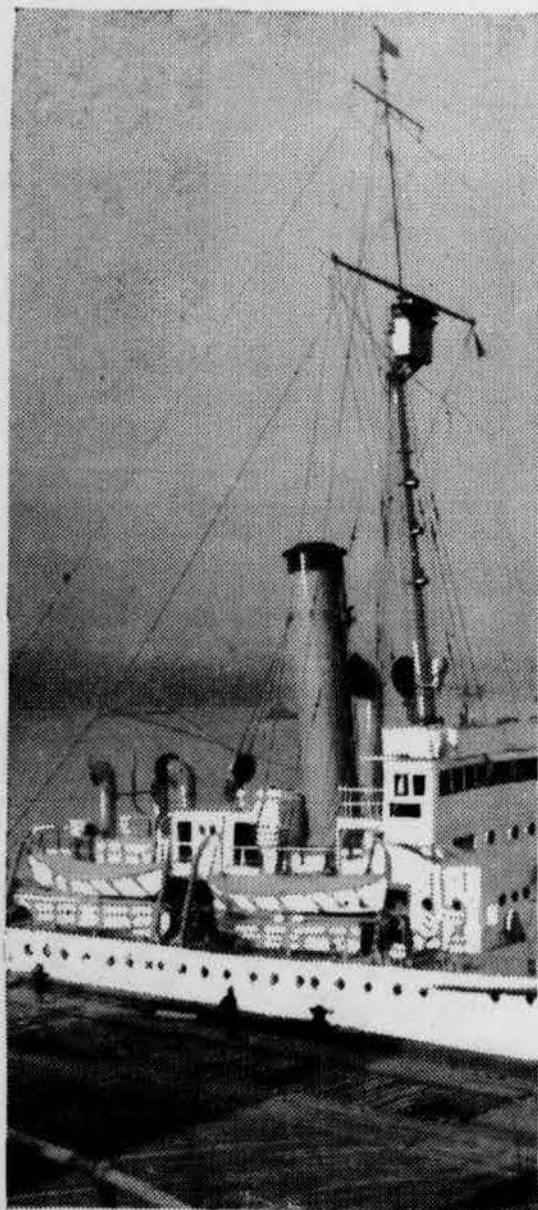
At a meeting of the Senior Class held yesterday the nominating committee through E. W. Carlson, chairman, submitted the following list of men as candidates for the various offices. These men will be voted upon next Monday morning at a meeting of the class to be held in the Electrical Engineering Lecture Hall at 11:50 A. M.

D. F. O'Grady, M. L. Price and E. W. Carlson have been nominated for president. The candidates for vice-president are E. C. Milde, C. L. Wright, and E. R. Delano. M. P. Finney and S. H. Fillion were nominated for treasurer and W. J. Newbold and R. E. Hollick are running for secretary.

For the position of historian, J. H. Wells, W. H. French, and W. R. Purcell are candidates, while J. Tawter, C. S. Greco, and W. W. Locke are running for the position of auditor. F. P. Smith and N. L. Shaw are the candidates for position of member-at-large.

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A SCORE of carefree Coast Guard sailors, and with them a Westinghouse man from the Boston Office, headed in a "bum boat" for the cutter Chelan peacefully at anchor in the harbor of Hamilton, Bermuda Islands.

It had been an exciting shakedown test-cruise. The Westinghouse turbine generator, motor and condensers had functioned perfectly, the sea had yielded up its bag of tricks, the Bermudas had fascinated every soul. And soon they would be bound for home.

But fate held new experiences in store. Five hundred miles off the Azores, the Newport, New York State training ship, had lost her propeller. The Chelan was called to the rescue. And with her, of course, went the Westinghouse man.

WHAT YOUNGER COLLEGE MEN ARE DOING WITH WESTINGHOUSE



M. D. ROSS
Generator Design
University Toronto, '22



R. A. ALLEN
Headquarters Sales
Alabama Polytechnic Institute, '24



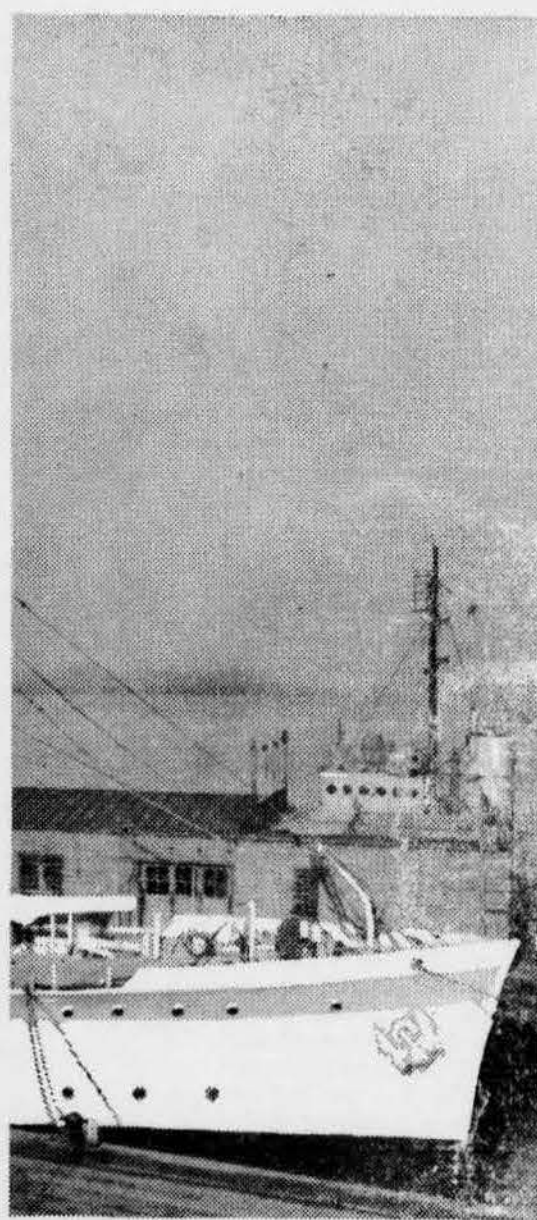
W. SCHAECHLIN
Propulsion Control Engineer
State College, '19
Zuerich, Switzerland



H. R. GOSS
Motor Design
University Minnesota, '20



C. M. WILLIAMS
Auxiliary Switching Design
University Illinois, '21



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Westinghouse

1930 SPORTS

The Department of Athletics has announced the following sports schedules for the year 1930:

BASEBALL SCHEDULE 1930
Apr. 12 Norwich, here
23 Boston University, here
26 N. H. State, here
30 Trinity, here
May 3 Northeastern, Boston
7 R. I. State, here

10 Clark, there
17 M. A. C., there
22 Arnold, here
24 Clark, here
FOOTBALL SCHEDULE 1930
Oct. 4 Brown, Providence
11 Trinity, here
18 Amherst, here

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TECH STUDENTS GIVE US A TRY

25 M. A. C., Amherst
Nov. 1 Norwich, Northfield
8 R. I. State, Kingston
15 R. P. I. (uncertain)
SOCCER SCHEDULE 1930
Oct. 4 M. A. C., here
11 Wesleyan, here
18 Amherst, at Amherst

HEADQUARTERS FOR
Drawing Instruments
Slide Rules
Mathematical Supplies

C. C. LOWELL & CO.
31-33 Pearl Street, Worcester

25 M. I. T., Cambridge
Nov. 1 Brown, here
11 Clark, here
15 Northeastern, there
Other schedules will be published later.

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